

[058]

ABSTRACT

[059] An audible alert device includes a pulse width modulated signal generator.

The audible alert device and method for manufacturing the audible alert device also

5 provides resonant frequency and decibel peaking capabilities. Resonant frequency and decibel peaking routines may be conducted at the time of manufacture, upon

startup of the alarm or during operation of the alarm. The audible alert device may be programmed during a manufacturing step to exhibit a selected operation mode so that one circuit may be manufactured and programmed to operate in any of a

10 number of operation modes or device configurations. A programming station allows an audible alert device to be programmed during a manufacturing step to exhibit a selected operation mode. Programming may occur by connection of the audible alert device to the programming device by one or more audible alert device power conductors.